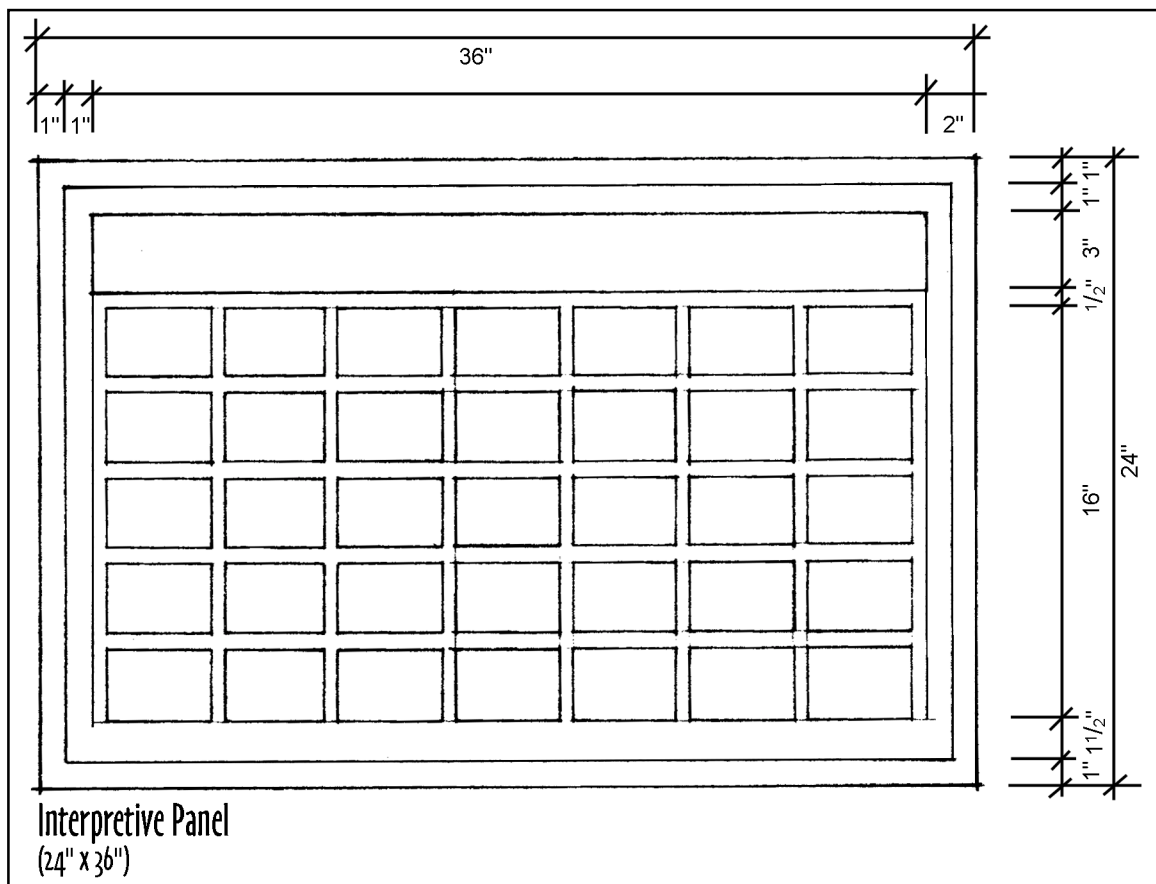
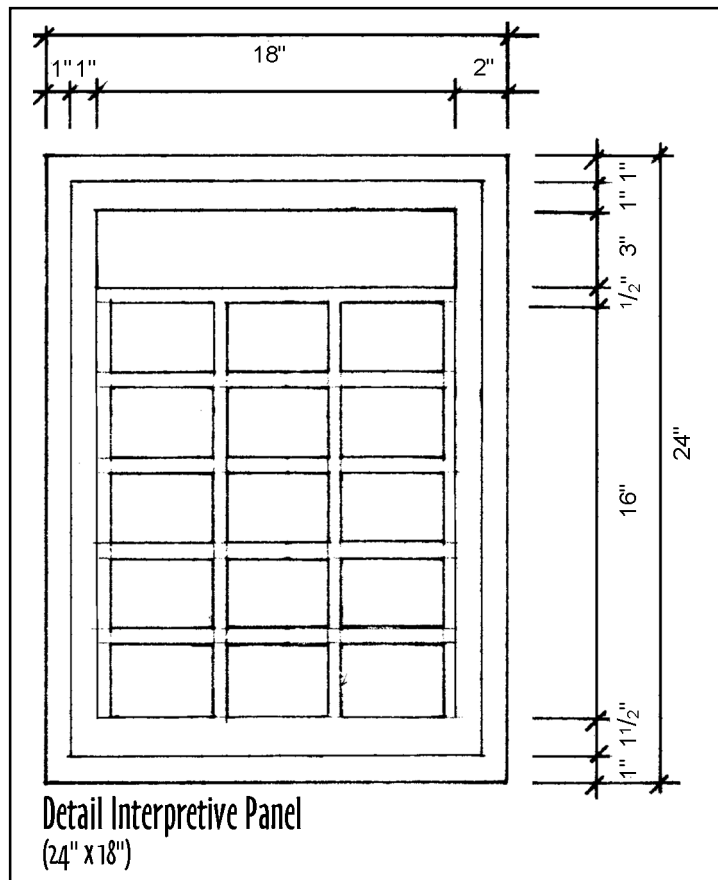


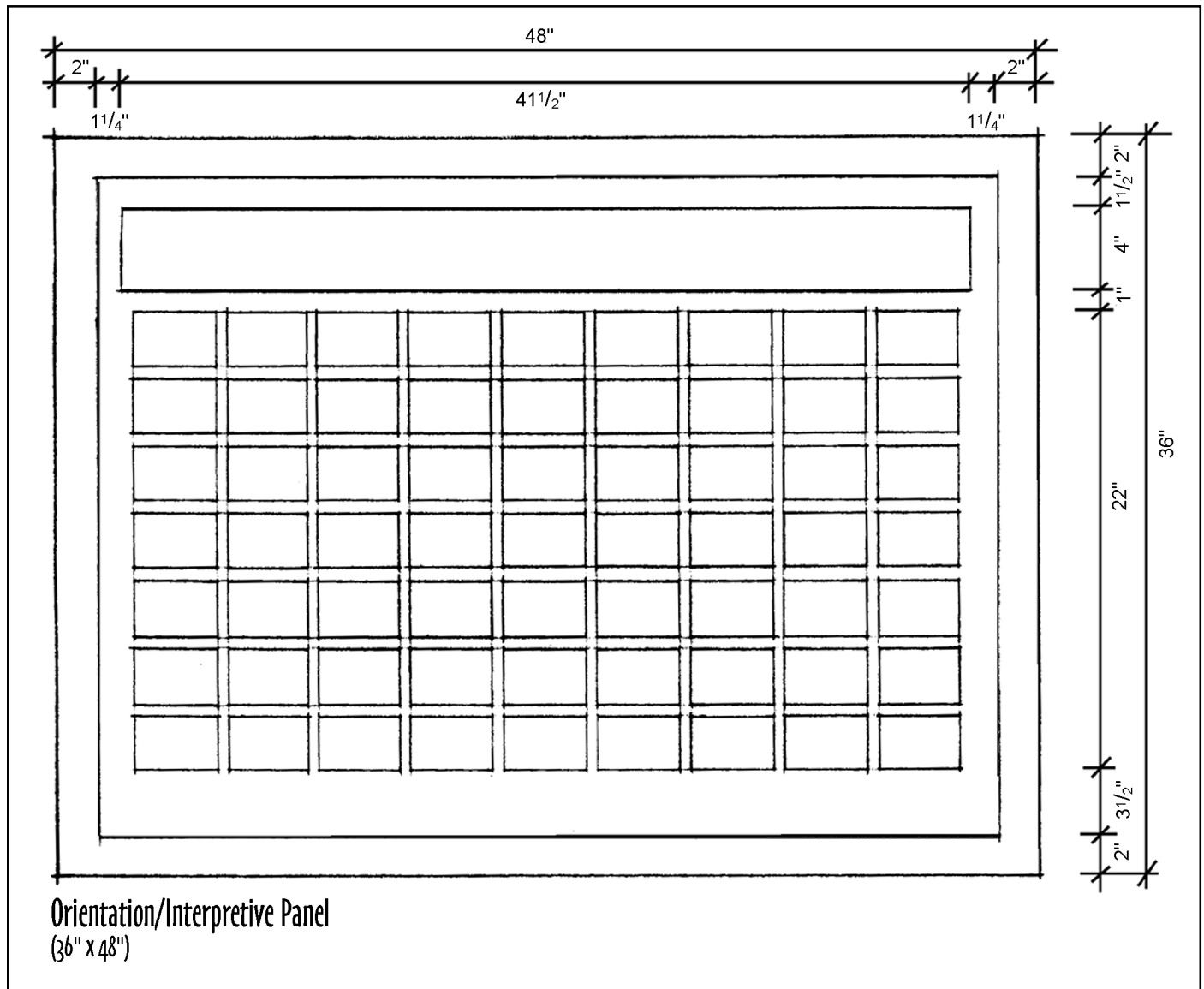
VI. Appendix

Interpretive Panel Layout Grid



VI. Appendix

Orientation Panel Layout Grid



Special Lewis and Clark Panel Type

Galliard Bold	NORTHWEST NATIVE CULTURE
Texas Hero	<i>Problems at the Fort</i>
Perpetua	Among the Indians around Fort Clatsop, Lewis and Clark encountered a culture unlike any they had ever met before. Natives of this region belonged to the Chinookan people and shared a number of cultural traits with other natives of the coastal Northwest. Like many other coastal Indians, Chinookans lived in a very hierarchal society in which status was linked to personal wealth and to public displays of that wealth.
Nicholas Cochin Bold	NORTHWEST NATIVE CULTURE
Texas Hero	<i>Building Fort Clatsop</i>
Nicholas Cochin	Among the Indians around Fort Clatsop, Lewis and Clark encountered a culture unlike any they had ever met before. Natives of this region belonged to the Chinookan people and shared a number of cultural traits with other natives of the coastal Northwest. Like many other coastal Indians, Chinookans lived in a very hierarchal society in which status was linked to personal wealth and to public displays of that wealth.
<i>Lewis and Clark</i>	
LEWIS AND CLARK	
<i>Northwest Native Culture</i>	
LEWIS AND CLARK	

Interpretive and Orientation Panel Type

Main Title

96 point Helvetica Neue #75
 Bold or ITC Century Book.
 Flush left, ragged right, upper
 and lower case, all on one
 line, maximum of 4 words,
 white or black

Sample Sample

Main Text

36 point ITC Century Book,
 38 point leading (for upright
 panels use 40 point type
 with 44 point leading). Flush
 left, ragged right, upper and
 lower case, no hyphenation,
 two columns wide, maximum
 line length of 67 picas,
 white or black

Sample main text type
 Book with 38 point le
 right. Upper and lowe

One column wide, ma
 picas. White or black.
 between paragraphs.

Subtitle

36 point Helvetica Neue #55
 Roman, #75 Bold or Helvetica
 Black. Flush left, ragged
 right, upper and lower case,
 white or black

Sample Subtitle
Sample Subtitle
Sample Subtitle

Interpretive and Orientation Panel Type

Secondary Text

24 point ITC Century Book, 26 point leading (for upright panels use 28 point type with 30 point leading). Flush left, ragged right, upper and lower case, no hyphenation, one column wide, maximum line length of 32 picas, white or black

Sample secondary text typeset in 24 point ITC Century Book with 26 point leading. Flush left, ragged right. Upper and lower case, no hyphenation.

One column wide, maximum line length of 32 picas. White or black. Insert one line space between paragraphs. Do not indent paragraphs.

Caption

24 point ITC Century Book Italic, 26 point leading (for upright panels use 28 point type with 30 point leading). Flush left, ragged right, upper and lower case, no hyphenation, one column wide, maximum line length of 32 picas, white or black

Sample caption typeset in 24 point ITC Century Book Italic with 26 point leading. Flush left, ragged right. Upper and lower case, no hyphenation.

One column wide, maximum line length of 32 picas. White or black. Insert one line space between paragraphs. Do not indent paragraphs.

Map Type

Trail and Administrative Identification

24 point Helvetica Neue #75
Bold, 26 point leading (for upright panels use 28 point type with 30 point leading).
Flush left, ragged right, upper and lower case, no hyphenation, one column wide, maximum line length of 32 picas, white or black

Sample Trail and Administrative Identification

Map Labels Large

56 point Helvetica Neue #75
Bold. Upper and lower case, white or black

Map Label La

Map Labels Medium

36 point Helvetica Neue #75
Bold, 38 point leading (for upright panels use 40 point type with 44 point leading).
Upper and lower case, white or black

Map Label Medium

Map Labels Small

24 point Helvetica Neue #75
Bold, 26 point leading (for upright panels use 28 point type with 30 point leading).
Upper and lower case, white or black




Map Label Small

Map Labels Extra Small

16 point Helvetica Neue #75
Bold. Upper and lower case, white or black

Map Label Extra Small

International Symbols (for use on maps and orientation panels)

			
Information	Ranger station	Toilets	Handicapped
			
Viewing area	Campground	Trailer sites	
			
Picnic area	Hiking trail	Interpretive trail	

The Lewis and Clark Trail and Highway Signs

The National Historic Lewis and Clark Trail and designated highway is marked in most locations with standardized, nationally recognized signage. This signage can be supplemented and enhanced with additional signage and highway orientation signs. These include the national trailblazer logo signs and historic trail signs, heritage site ahead signs, supplemental guide signs, and gateway signs. The Washington State Department of Transportation would be responsible for installation of these signs within the highway right-of-way.

Trailblazer Logo Signs

Description

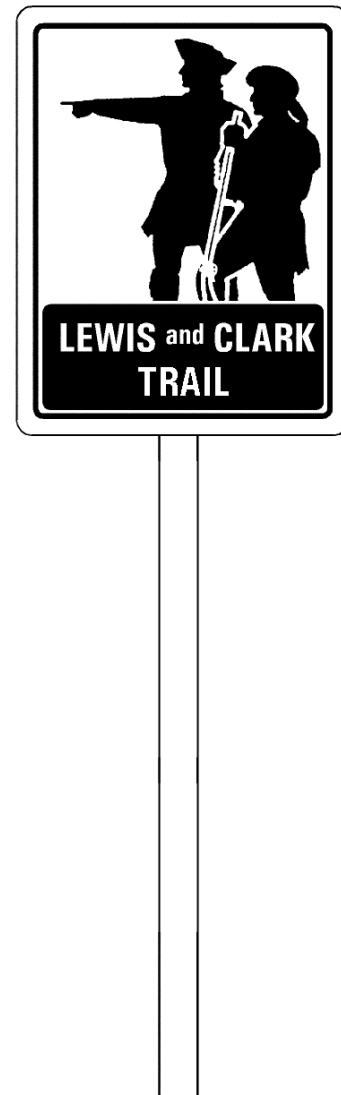
- Lewis and Clark National Historic Trail standard pointing figures
- Rectangular, brown and white colored metal signs on standard highway signposts
- Size: 24" x 30"

Requirements

- Must be on Washington Lewis and Clark Trail Highway (as defined by Washington State Statute)
- Refer to MUTCD and WSDOT sign standards and Scenic Byway Logo Signing Guidelines

Purpose/Need

- Mark designated Lewis and Clark Highways
- Replace fallen signs
- Supplement some segments



Location

- About every 10 miles as is feasible
- At key points such as gateways to cities and “downstream” from major highway intersections

Highway versus Trail Identification

- For segments of highway that are not in proximity to actual trail routes, do not use “trail” wording.



Advance Signing – Lewis and Clark Heritage Signs

Description and Requirements

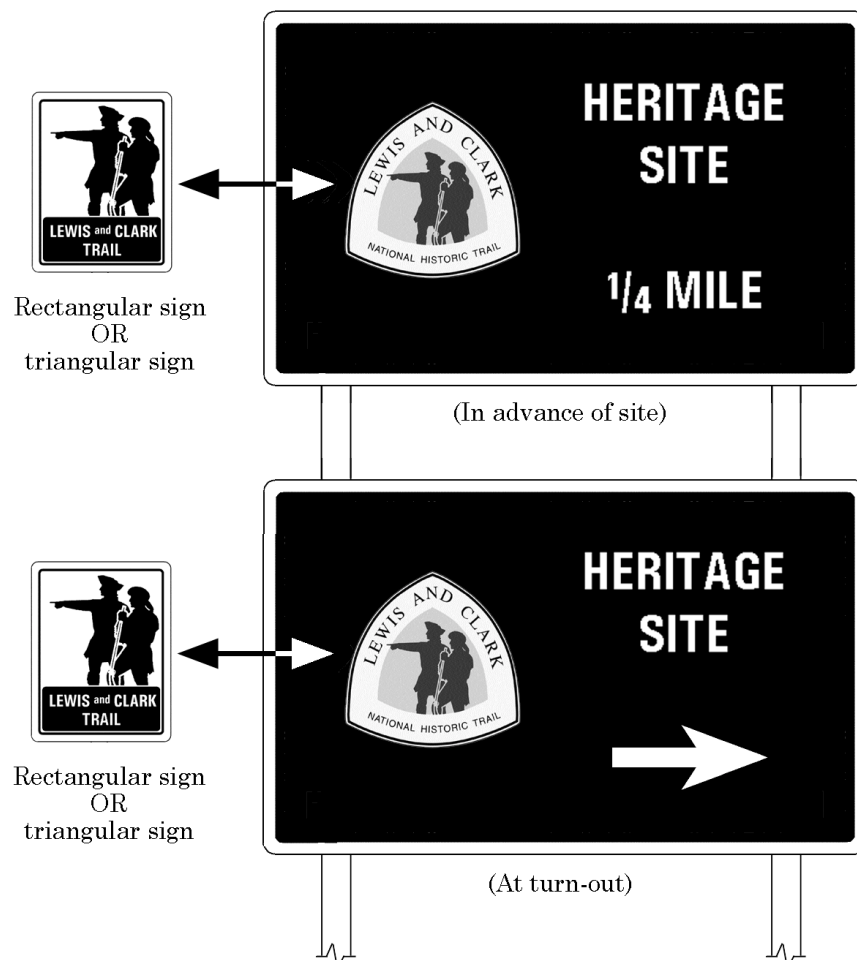
- Officially certified Lewis and Clark National Historic Trail heritage sites (by the National Park Service) use triangular, brown and white signs
- Other significant Lewis and Clark heritage sites use rectangular, brown and white signs
- Lewis and Clark National Historic Trail standard historic site marker
- Refer to MUTCD and WSDOT sign standards and Scenic Byway Logo Signing Guidelines

Purpose/Need

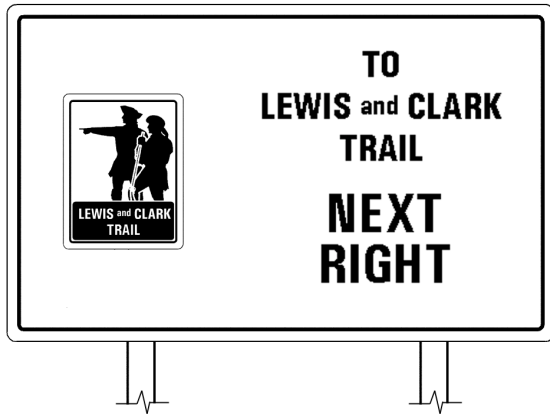
- Placed in advance of and at turn-offs to significant Lewis and Clark heritage sites
- 1/4 mile distance to site and directional signs at turn-offs as needed

Location

- Both directions, as feasible
- See WSDOT Scenic Byway Logo Signing Guidelines



Supplemental Guide Signs



Description

- Include standard trailblazer logo
- Brown and white colored metal signs on standard highway signposts

Requirements

- Refer to MUTCD and WSDOT sign standards and Scenic Byway Logo Signing Guidelines

Purpose/Need

- Direct travelers to Lewis and Clark Trail/ Highway turnoffs and connections

Location

- All Lewis and Clark Trail/Highway turnoffs and connections

Reflective Gateway Signs



Description

- Include Lewis and Clark National Historic Trail rectangle symbol and official NPS heritage site triangular logo
- Need to make uniquely Washington, but also tie into national signage, as feasible
- Colored brown and white metal signs on wood post or monumental base with some aesthetic site enhancement that could be the same or unique to each region
- Size: 10' x 10' or 12' x 8'

Requirements

- Refer to WSDOT sign standards and Scenic Byway Logo Signing Guidelines

Purpose/Need

- Welcome travelers and orient them to the Lewis and Clark Highway and Trail system and signage in the State of Washington

Location

- Highway entry points into the State of Washington along the Lewis and Clark Trail and Highway

Resource List

State Agencies and Organizations

Washington State Agency Advisory Team (AAT)

The Washington State Agency Advisory Team (AAT) has been responsible for coordinating and directing planning efforts related to the commemoration of the bicentennial anniversary of the Lewis and Clark Expedition in the state of Washington. Members of the AAT include:

Washington State Historical Society (Lead Agency)

David Nicandri

1911 Pacific Avenue

Tacoma, Washington 98402

Phone: 253-798-5900

E-mail: dnicandri@wshs.wa.gov

Also with the Washington State Historical Society:

Jean Peterson, Heritage Resource Center

211 W. 21st

Olympia, Washington 98501

Phone: 360-586-0219

E-mail: jpeterson@wshs.wa.gov

Washington State Parks and Recreation Commission

Steve Wang

PO Box 42650

Olympia, Washington 98504

Phone: 360-902-8611

E-mail: steve@parks.wa.gov

Washington State Department of Fish and Wildlife

Chuck Gibilisco

600 Capitol Way North

Olympia, Washington 98501

Phone: 360-902-2364

E-mail: gibilc@dfw.wa.gov

Washington State Department of Community Trade and Economic Development,

Tourism Office

Robin Pollard

PO Box 42500

Olympia, Washington 98504-2500

Phone: 360-664-2560

E-mail: robinp@cted.wa.gov

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Washington State Department of Transportation
Judy Lorenzo, Heritage Corridors Program
PO Box 47393
Olympia, Washington 98512-7393
Phone: 360-705-7274
E-mail: lorenzj@wsdot.wa.gov

(Note: Refer to the Washington State Department of Transportation (WSDOT) for guidelines for signing along state highways, including the *Scenic Byway Logo Signing Guidelines*, December 1996. The Heritage Corridors Program of WSDOT can provide resource information related to enhanced aesthetic design of roadside elements if you are planning a project that is adjacent to the a highway.)

Lewis and Clark Bicentennial Advisory Committee (Appointed in 1999)

The committee can be contacted through their staff coordinator:

David Nicandri
Washington State Historical Society
1911 Pacific Avenue
Tacoma, Washington 98402
Phone: 253-798-5900
E-mail: dnicandri@wshs.wa.gov

Here is a list of the current (April 2000) members of the committee:

- Nabel Shawwa, Chair, Long Beach, Washington
- Al Bauer, Washington State Senate
- Martha Choe, Director, Washington State Dept. of Community, Trade and Economic Development
- Muff Donohue, Dayton, Washington
- Phyllis Goldhammer, Vancouver, Washington
- Jim Honeyford, Washington State Senate
- Bill Iyall, Cowlitz Tribe, Tacoma, Washington
- Barb Kubik, Vancouver, Washington
- David Lamb, President, Washington State Historical Society
- L. Michelle Liberty, College Place, Washington
- Marilyn Malatare, Yakama Nation, Toppenish, Washington
- Tom Mielke, State House of Representatives
- Sid Morrison, Secretary of Transportation
- Val Ogden, State House of Representatives
- Cleve Pinnix, Director, Washington State Parks and Recreation Commission

Governor's [Washington State] Lewis and Clark Trail Committee

The committee can be contacted through their state staff coordinator:

Steve Wang
Washington State Parks and Recreation Commission
PO Box 42650
Olympia, Washington 98504
Phone: 360-902-8611
E-mail: stevew@parks.wa.gov

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Here is a list of current (April 2000) members of the committee:

- Barbara Kubik, Chair
- Carlton E. Appelo, Grays River, Washington
- Edward Callahan, Stevenson, Washington
- Lee Edtl, Longview, Washington
- Viola Forrest, Walla Walla, Washington
- Gary Lentz, Dayton, Washington
- Glen Lindeman, Pullman, Washington
- Keith McCoy, White Salmon, Washington
- Jim Meredith, Roche Harbor, Washington
- Martin Plamondon II, Vancouver, Washington
- Eugene (Jack) Ritter, Vancouver, Washington
- Ralph Rudeen, Olympia, Washington
- Carole Simon-Smolinski, Clarkston, Washington
- Sharon Tiffany, Stevenson, Washington
- George H. Tweney, Seattle, Washington
- Rex Ziak, Naselle, Washington

Lewis and Clark Trail Heritage Foundation (Washington Chapter)

Current (April 2000) Officers:

Murray Hayes, President

Cheryl Essary, Vice President

Pamela Anderson, Secretary

Rennie Kubik, Treasurer

Address for Pamela Anderson, Secretary:

2374 Crestline Blvd. NW

Olympia, WA 98502-4324

Tribal Representatives (Partial List)

The following tribal representatives have been involved in planning efforts for the bicentennial anniversary of the Lewis and Clark Expedition. Please contact the tribal representative in your region as part of the coordination process for your interpretive project.

Please note that this is only a partial list of tribes, and it includes those that have been actively involved in Lewis and Clark Bicentennial planning. However, other tribes from your region may wish to be involved in your project, or should be contacted if the planned interpretation addresses aspects of Native American culture. Coordinate with the National Lewis and Clark Bicentennial Council Tribal Liaison listed below or the Washington State Agency Advisory Team through the Washington State Historical Society (contacts listed above) to obtain additional contact information for tribes not listed below.

National Lewis and Clark Bicentennial Tribal Liaison

Allen Pinkham

(Member of the Nez Perce Tribe)

PO Box 365

Lapwai, Idaho 83541

Phone: 208-843-2253

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Chinook Indian Tribe

Cliff Snider
10424 SE Charlotte Drive
Portland, OR 97266
Phone: 503-659-3752

Confederated Tribes of the Umatilla Indian Reservation

Roberta Conner
Tamastslíkt Cultural Institute
PO Box 638
Pendleton, OR 97801
Phone: 541-966-9748

Cowlitz Tribe

Bill Iyall
817 34th Avenue NW
Gig Harbor, Washington 98335
Phone: 253-591-5864

Nez Perce Tribe

Otis Halfmoon
Nez Perce National Historic Park
Route 1, Box 100
Spalding, Idaho 83540-9715
Phone: 208-843-2261

Yakama Nation

Marilyn Malatare
Yakama Nation Cultural Heritage Center and Museum
PO Box 151
Toppenish, WA 98948
Phone: 509-865-5121

Local Community Representatives

A database of local community representatives from along the Lewis and Clark Trail in Washington is available from the Washington State Historical Society. Please contact:

Jean Peterson, Heritage Resource Center
211 West 21st
Olympia, Washington 98501
Phone: 360-586-0219
E-mail: jpeterson@wshs.wa.gov

National Agencies and Organizations

The following is a list of the primary federal agencies and organizations involved in planning efforts for commemorating the bicentennial anniversary of the Lewis and Clark Expedition.

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National Lewis and Clark Bicentennial Council

Michelle Bussard, Executive Director
1101 Officers Row, US Grant House
Vancouver, Washington 98661
Phone: 888-999-1803
E-mail: bicentennial@lewisandclark200.org
Website: <http://lewisandclark200.org>

(Note: Refer to the National Lewis and Clark Bicentennial Council website for additional lists of agencies and contacts.)

National Park Service

Mr. Dick Williams
Lewis and Clark National Historic Trail Division
1709 Jackson Street
Omaha, NE 68102
Phone: 402-221-3471
E-mail: Richard_Williams@nps.gov

(Note: Coordinate with the National Park Service for interpretive projects of national significance and also to obtain official “Lewis and Clark National Historic Trail Certification” for your site. The National Park Service publishes: *Instructions and Format for Preparing an Application for Lewis and Clark National Historic Trail Certification*.)

National Lewis and Clark Trail Heritage Foundation, Inc.

PO Box 3434
Great Falls, Montana 59403
Phone: 406-454-1234

Reference Materials

The following list of reference materials will be helpful to you in planning and designing your interpretive project. This list was compiled with the assistance of the Governor’s [Washington State] Lewis and Clark Trail Committee. Please note that the listing of these reference materials does not necessarily constitute official endorsement by the Committee or the Washington State Agency Advisory Team. Reference materials that were specifically referred to as part of the development of these Design Guidelines are identified by an asterisk. (*)

Reference materials are listed according to the following categories:

- Planning and Design of Interpretive Exhibits and Site Improvements
- Journals
- Biographies
- The Charbonneau Family
- Natural History
- Native Americans
- Overviews
- Other Books
- Travel Guides

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Planning and Design of Interpretive Exhibits and Site Improvements

- Access Near Aquatic Areas, A Guide to Sensitive Planning, Design and Management.* The Stewardship Series, Fraser River Action plan (Fisheries and Oceans Canada) and the Ministry of Environment, Lands, and Parks, Surrey, British Columbia, Canada, 1998.*
- Alderson, William T. and Low, Shirley Payne. *Interpretation of Historic Sites.* American Association for State and Local History, Nashville Tennessee.*
- Beechel, Jaque. *Interpretation for Handicapped Persons: A Handbook for Outdoor Recreation Personnel.* NPS Cooperative Parks Studies Unit. College of Forest Resources, University of Washington, Seattle, WA 98195, 59 page paper, 1975.*
- Cornell, Joseph B. *Sharing Nature with Children.* Dawn Publications.
- Dines, Nicholas T. and Harris, Charles W., *Time-Saver Standards for Landscape Architecture, Design and Construction Data.* McGraw-Hill Book Company, New York, 1994.*
- Grinder, Alison L. and McCoy, E. Sue. *The Good Guide, A Sourcebook for Interpreters, Docents, and Tour Guides.* Ironwood Press.
- Ham, Sam H. *Environmental Interpretation: A Practical Guide for People with Big Ideas and Small Budgets.* North American Press, Golden, Colorado, 1992.*
- Heintzman, James. *Making the Right Connections: A Guide for Nature Writers.* Interpreter's Handbook Series. UW-SP Press, Inc. University of Wisconsin, Stevens Pt., Wisconsin, 1988.*
- Hudson, Wendy E. (e), Bucy, David E. M, and Austin, Ed. *Nature Watch: A Resource for Enhancing Wildlife Viewing Areas.* Defenders of Wildlife publication.*
- Interpretation for Disabled Visitors in the National Park System.* National Park Service, Superintendent of Documents, US Government Printing Office, Washington D.C.*
- Lewis, William. *Interpreting for Park Visitors.* Eastern Acorn Press, 1981.*
- Machlis, Gary and Field, Donald (ed.). *On Interpretation: Sociology for Interpreters of Natural and Cultural History.* Oregon State University Press. Corvallis, Oregon, 1984.*
- PLAI, Inc., *Universal Access to Outdoor Recreation: A Design Guide.* Berkeley, California 1994.*
- Regnier, Kathleen H. *The Interpreter's Handbook.* Interpreter's Handbook Series. UW-SP Press, Inc. University of Wisconsin. Stevens Pt., Wisconsin, 1988.*
- Sharpe, Grant W. *Interpreting the Environment.* John Wiley & Sons, Inc. New York, 1982.*
- Tilden, Freeman. *Interpreting our Heritage.* The University of North Carolina Press, Chapel Hill, North Carolina, 1967.*
- Trapp, Suzanne; Zimmerman, Ron and Gross, Michael. *Signs, Trails, and Wayside Exhibits — Connecting People and Places, Interpreter's Handbook Series.* University of Wisconsin: Stevens Point Foundation Press, Inc., Second Edition 1994.*
- Wayside Exhibit Guidelines — The ABCs of Planning, Design, and Fabrication, for use on National Scenic and National Historic Trails.* National Park Service, United States Department of the Interior, National Center for Recreation and Conservation and Harpers Ferry Center, March 1998.*

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Wayside Exhibits Users Guide. National Park Service, Interpretive Design Center, Harpers Ferry, West Virginia, 1997.*

Journals

Coues, Dr. Elliott, ed. *History of the Expedition Under the Command of Lewis and Clark*. New York: Francis Harper, 1893 (Dover 1965).*

Cutright, Paul Russell. *A History of the Lewis and Clark Journals*. Norman: University of Oklahoma Press, 1976.

DeVoto, Bernard. *The Journals of Lewis & Clark*. Boston: Houghton Mifflin, 1953 (1981).*

Jackson, Donald, ed. *The Letters of the Lewis and Clark Expedition with Related Documents, 1783-1854*. Urbana: University of Illinois Press, 1978 (1962).*

MacGregor, Carol Lynn. *The Journals of Patrick Gass: Member of the Lewis and Clark Expedition*. Missoula: Mountain Press, 1977.*

Moulton, Dr. Gary E., ed. *The Journals of the Lewis and Clark Expedition, Volumes 1-13*. Lincoln: University of Nebraska, 1988-2000.*

Osgood, Ernest S., ed. *The Field Notes of Captain William Clark, 1803-1805*. New Haven: Yale University Press, 1964.

Quaife, Milo Milton, ed. *The Journals of Captain Meriwether Lewis and Sergeant John Ordway*. Madison: State Historical Society of Wisconsin, 1916.

Thwaites, Dr. Reuben Gold, ed. *Original Journals of the Lewis and Clark Expedition, 1804-1806, Volumes 1-8*. New York: Arno Press, 1964 (1904).

Biographies

Ambrose, Stephen E. *Undaunted Courage: Meriwether Lewis, Thomas Jefferson and the Opening of the American West*. New York: Touchstone Books, 1996.*

Betts, Robert B. *In Search of York: The Slave Who Went to the Pacific with Lewis and Clark*. Boulder: Colorado Associated University Press, 1985.

Clarke, Charles G. *The Men of the Lewis and Clark Expedition*. Glendale: Arthur H. Clark, 1970.

Erickson, Marty, ed. *An Overview of Facts and Fiction About the Famous Newfoundland Dog*. Great Falls: Lewis and Clark Trail Heritage Foundation, 1997.

Colter-Frick, L. R. *Courageous Colter and Companions*. Privately Published, 1997.

Harris, Burton. *John Colter: His Years in the Rockies*. Lincoln: University of Nebraska Press, 1993 (1952).

Smarten, M. O. *George Drouillard: Hunter and Interpreter for Lewis and Clark, and Fur Trader, 1807-1810*. Glendale: Arthur H. Clark, 1964.

Yater, George H. and Carolyn S. Denton. *Nine Young Men from Kentucky*. Great Falls: Lewis and Clark Trail Heritage Foundation, 1992.

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Charbonneau Family

Anderson, Irving W. *A Charbonneau Family Portrait*. Astoria: Fort Clatsop Historical Association, 1988.

Clark, Ella E. and Margot Edmonds. *Sacajawea of the Lewis and Clark Expedition*. Berkeley: University of California Press, 1976.

Hebard, Grace R. *Sacajawea: A Guide and Interpreter of the Lewis and Clark Expedition, with an Account of the Travels of Toussaint Charbonneau, and of Jean Baptiste*. Glendale: Arthur H. Clark Company, 1957 (1932).

Howard, Harold P. *Sacajawea*. Norman: University of Oklahoma, 1979 (1971).

Thomasma, Kenneth. *The Truth About Sacajawea*. Jackson: Grandview Publishing Co., 1997.

Natural History

Botkin, Daniel B. *Our Natural History: The Lessons of Lewis and Clark*. New York: Perigree Book, 1995.*

Burroughs, Raymond Darwin. *The Natural History of the Lewis and Clark Expedition*. East Lansing: Michigan State University Press, 1995 (1961).*

Cutright, Paul Russell. *Lewis and Clark: Pioneering Naturalists*. Lincoln: University of Nebraska Press, 1989 (1969).

Strong, Emory and Ruth. *Seeking Western Waters: The Lewis and Clark Trail from the Rockies to the Pacific*. Portland: Oregon Historical Society, 1995.*

Native Americans

Boyd, Robert. *People of the Dalles: The Indians of Wascopam Mission*. Lincoln: University of Nebraska Press, 1996.*

Buan, Carolyn M. and Richard Lewis. *The First Oregonians*. Portland: Oregon Council for the Humanities, 1991.

Halliday, Jan and Gail Chehak. *Native Peoples of the Northwest*. Seattle: Sasquatch Books, 1996.

Hunn, Eugene S. *Nch'I-Wána~"The Big River:" Mid-Columbia Indians and Their Lands*. Seattle: University of Washington Press, 1990.

Ronda, James P. *Lewis and Clark Among the Indians*. Lincoln: University of Nebraska Press, 1984.*

Ruby, Robert H. and John A. Brown. *Indians of the Pacific Northwest: A History*. Norman: University of Oklahoma Press, 1992 (1988, 1981). *

Ruby, Robert H. and John A. Brown. *The Chinook Indians: Tribes of the Lower Columbia River*. Norman: University of Oklahoma Press, 1988 (1976).*

Schlick, Mary Dodds. *Columbia River Basketry: Gifts of the Ancestors, Gifts of the Earth*. Seattle: University of Washington Press, 1994.

Schuster, Helen H. *The Yakima*. New York: Chelsea House Publishers, 1990.*

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- Schuster, Helen H. *The Yakimas: A Critical Bibliography*. Bloomington: Indiana University Press, 1982.
- Smithsonian Institute, ed. *Handbook of North American Indians*. Washington DC: Smithsonian Institute, 1990.
- Thomas, Edward H. *Chinook: A History and Dictionary*. Portland: Binfords & Mort, 1970 (1935).
- Trafzer, Clifford E. *The Chinook*. New York: Chelsea House Publishers, 1990.*
- Trafzer, Clifford E. and Richard D. Scheuerman. *Renegade Tribe: The Palouse Indians and the Invasion of the Inland Pacific Northwest*. Pullman: WSU Press, 1986.
- Underhill, Ruth. *Indians of the Pacific Northwest*. Riverside: Sherman Institute Press and Bureau of Indian Affairs, 1953.*
- Wright, Robin K. *A Time of Gathering: Native Heritage in Washington State*. Seattle: Thomas Burke Museum, 1991.

Overviews

- Ambrose, Stephen E. *Lewis & Clark Voyage of Discovery*. Washington DC: National Geographic Society, 1998.*
- Dayton Duncan and Ken Burns. *Lewis & Clark: The Journey of the Corps of Discovery*. New York: Alfred Knopf, 1997.*
- Snyder, Gerald S. *In the Footsteps of Lewis and Clark*. Washington DC: National Geographic, 1970.

Other Books

- Allen, John L. *Passage Through the Garden: Lewis and Clark and the Image of the American Northwest*. Urbana: University of Illinois Press, 1975.
- Chuinard, Dr. Eldon G. *Only One Man Died: The Medical Aspects of the Lewis and Clark Expedition*. Glendale: Arthur Clark and Company, 1980.
- Furtwangler, Albert. *Acts of Discovery: Visions of America in the Lewis and Clark Journals*. Urbana: University of Illinois Press, 1993.
- Plamonden, Martin II. *Lewis and Clark Trail Maps: A Cartographic Reconstruction, Volumes I-III*. Volume I anticipated to be available in September 2000.
- Purcha, Francis P. *Indian Peace Medals in American History*. Lincoln: University of Nebraska Press, 1971.
- Ronda, James P., ed. *Voyages of Discovery: Essays on the Lewis and Clark Expedition*. Helena: Montana Historical Society Press, 1998.

Travel Guides

- Appleman, Roy E. *Lewis and Clark: Historic Places Associated with Their Transcontinental Exploration (1804-06)*. St. Louis: Jefferson National Expansion Historical Association, 1993. (1975).

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Farnslow, Julie. *Traveling the Lewis and Clark Trail*. Helena: Falcon Publishing, 1998.

Fifer, Barbara and Bicky Soderberg. *Along the Trail with Lewis and Clark*. Helena: Montana Magazine, 1998.

Image Credits

The following graphic images and photos were used with permission from the sources listed. These sources are also good contacts for obtaining resources and information to use in your interpretive projects.

Section I - Introduction

- I-3 National Museum of American History, Smithsonian Institution, Photo No. 95-3550

Section II - How to Create Interpretive Exhibits — The Process

- II-2 Library of Congress
- II-7 ©2000-www.arttoday.com

Section III - Washington's Lewis and Clark Story

- III-1 (upper right) Stark Museum of Art, Orange, Texas
- III-2 Double-Coned Hat, Oregon Historical Society, #OrHi 92243
- III-3 Jefferson Peace Medal, Oregon Historical Society, #OrHi 9601
- III-4 (right) American Philosophical Society
- III-4 (left) Copper Trade Kettle, Oregon Historical Society, #OrHi 92331
- III-6 (upper right) North Central Washington Museum Association, Simmer Photo Collection #3963
- III-7 (upper right) John Mix Stanley photo, Oregon Historical Society, #OrHi 98723
- III-7 (lower right) North Central Washington Museum Association, Wenatchee, WA
- III-8 (upper right) University of Oklahoma Press, *Indians of the Pacific Northwest* by Robert H. Ruby and John A. Brown
- III-8 (lower right) Stark County Museum of Art, Orange, Texas
- III-9 American Philosophical Society

Section IV - Interpretive Guidelines

- IV-1 Missouri Historical Society, St. Louis
- IV-2 American Philosophical Society
- IV-4 National Park Service National Center for Recreation and Conservation and Harpers Ferry Center. Map courtesy of Joslyn Art Museum, Omaha, Nebraska; Gift of Enron Art Foundation.

Section V - Outdoor Exhibits, Markers, and Other Elements

- V-1 National Park Service National Center for Recreation and Conservation and Harpers Ferry Center. Map courtesy of Joslyn Art Museum, Omaha, Nebraska; Gift of Enron Art Foundation. Lewis and Clark Portraits courtesy of Independence National Historic Park Collection.
- V-7 J. E. Stuart painting, Oregon Historical Society
- V-8 Sherman Indian Museum
- V-11 Northwest and Whitman College Archives
- V-12 (left) Sherman Indian Museum
- V-12 (right) University of Oklahoma Press, *Indians of the Pacific Northwest* by Robert H. Ruby and John A. Brown
- V-14 Logo courtesy of National Bicentennial Council

Section VI - Appendix

- VI-3 Courtesy of Ilium Associates, Inc.
- VI 4-6 National Park Service National Center for Recreation and Conservation and Harpers Ferry Center, Wayside Exhibit Guidelines

Photos courtesy of Otak, Inc.

- Section I - 4, 5, 6
- Section II - 1, 3, 4, 5, 9
- Section III - 1 (left), 5, 6 (left), 6 (lower right), 7(left), 8(left), 11
- Section IV- 6
- Section V - 2, 6, 14

Potential Funding Opportunities

The following list of potential funding opportunities includes programs that often fund outdoor interpretive exhibits and site improvement projects under various circumstances. Please check with each administering agency or organization to determine the specific eligibility of your project and the application requirements.

<i>Program Name</i>	<i>Administering Agency</i>	<i>Funding Source</i>	<i>Eligibility</i>	<i>Fund Uses</i>	<i>Match</i>
Aquatic Lands Enhancement Account (ALEA)	Washington State Dept. Of Natural Resources (DNR)	State	State and local agencies, tribes, park and recreation districts, and ports	Projects to enhance aquatic lands through purchase, improvement, and/or protection of such lands. Projects must be associated with state owned aquatic lands (navigable rivers, lakes, and marine waters.)	50% of total project costs
Army Corps of Engineers Continuing Authority Program	US Army Corps of Engineers	Federal	State, local, and public agencies	Projects to provide emergency protection of public facilities; small beach erosion control, navigational controls; mitigation of shoreline damage from federal navigation projects; and flood control	Varies depending on program and project
Boating Facilities Program (BFP)	Interagency Committee for Outdoor Recreation (IAC)	State	State, local agencies, tribes, park and recreation districts, public utility districts, and ports	Projects to purchase and develop land for facilities that support motorized water craft recreation	100% for local agencies and no specific percentage required for state agencies
Bridge Replacement and Rehabilitation Program	Washington State Department of Transportation (WSDOT)	Federal under the TEA 21 Program	Cities and counties	Projects to replace or repair existing bridges on public roads	20% of total project costs

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<i>Program Name</i>	<i>Administering Agency</i>	<i>Funding Source</i>	<i>Eligibility</i>	<i>Fund Uses</i>	<i>Match</i>
Clean Vessel Act Grants Program	US Fish and Wildlife Service (Dept. of Interior)	Federal	State and eligible subgrantees, including municipalities and private marinas	Projects to improve sewage pumpout and dump stations for recreational boats	At least 25% in cash or in kind, of the total approved costs
Community Development Block Grant (CDBG) Program	Washington State Department of Community Trade and Economic Development (WSDCTED)	State	Non-entitlement cities, towns, and counties, special purpose districts can apply through a non-entitlement county or city	Projects that principally benefit low and moderate income persons including housing units, roads, streetscapes, bridges, and other infrastructure improvements	No specific requirements; however, points allocated for additional funding sources
Community Economic Revitalization Program	WSDCTED	State	Cities, towns, counties, special purpose districts, and quasi-municipal corporations for public facilities	Projects to develop growth-related infrastructure in economically disadvantaged communities. Project types include sanitary and storm sewer, domestic and industrial water, access roads, bridges, and railroad spurs	10% minimum for loans and grants
County Arterial Preservation Program	County Road Administration Program (CRAB)	State	Counties	Projects to preserve capacity on paved county roads	None
Environmental Education Grant	US Environmental Protection Agency (EPA)	Federal	State and local agencies, tribes, school districts, institutions of higher education, and nonprofit agencies	Projects to design, demonstrate, or disseminate practices, methods, or techniques related to the teaching of environmental issues. Funds can be used for teaching programs to benefit students, teachers, or the general public	25% of total project costs

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<i>Program Name</i>	<i>Administering Agency</i>	<i>Funding Source</i>	<i>Eligibility</i>	<i>Fund Uses</i>	<i>Match</i>
Federal Aid in Wildlife Restoration Program	US Fish and Wildlife Service (Dept. of Interior)	Federal	State and territories; local agencies and organizations may be eligible for subgrants	Projects to acquire and improve wildlife habitats; to introduce wildlife and suitable wildlife habitats; to research wildlife problems; to conduct surveys of wildlife populations; to develop and operate facilities for public use of wildlife resources; and to support hunter education and safety programs such as target ranges	25 to 90% project costs for wildlife restoration; at least 25% for hunter education; and up to 25% for projects in territories
Federal Lands Highway Program	US Federal Highway Administration, US DOT	Federal under TEA 21 program	Federal and state agencies and tribes	Projects to plan, research, engineer, or construct improvements on federal land highways for tourism and recreational travel, vehicular parking, and interpretive signage; scenic easements and scenic or historic sites (includes acquisition); bicyclist and pedestrian facilities; roadside rest areas	None
Fire Arms and Archery Ranges Program	Interagency Committee for Outdoor Recreation (IAC)	State	Federal, state, and local agencies and non-profit groups	Projects to purchase and develop land for archery and firing ranges	50%

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<i>Program Name</i>	<i>Administering Agency</i>	<i>Funding Source</i>	<i>Eligibility</i>	<i>Fund Uses</i>	<i>Match</i>
Flood Control Assistance Account Program, Emergency Flood Control	Washington State Department of Ecology (WSDOE)	State	Local agencies, tribes, and ports (already participating in national flood ins. program)	Projects to prevent or lessen future flood damage such as levee maintenance and bank stabilization	20% of total project costs
Forest Legacy Program	Forest Service, US Department of Agriculture	Federal	State and local agencies, tribes, non-profit groups	To acquire property for permanent forest protection easements	25%
Forest Service Grant Programs for Rural Communities	Forest Service US Department of Agriculture	Federal	See enclosed information regarding projects for Rural Gateway Communities	See enclosed information regarding projects for Rural Gateway Communities	See enclosed information regarding projects for Rural Gateway Communities
Highway Bridge Replacement and Rehabilitation Program	Federal Highway Administration (FHWA)	Federal	State and local agencies, tribes	Projects to repair or replace highway bridges	20% non-federal share
Highway Safety and Operations Research Program	National Highway Traffic Safety Commission	Federal	Any qualified organization; however, eligibility may be more restricted for a specific competition	Projects to research, develop, and enforce activities in all phases of traffic safety	Sometimes
Land and Water Conservation Fund (LWCF)	Washington IAC Administered	Federal	Land acquisition and trail development	Projects consistent with the intent of program - land and water conservation	
National Highway System Program	WSDOT	Federal under TEA 21 program	State and local governments	Projects to construct, rehabilitate, resurface, restore, and provide operational improvements and highway safety improvements	10% minimum

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<i>Program Name</i>	<i>Administering Agency</i>	<i>Funding Source</i>	<i>Eligibility</i>	<i>Fund Uses</i>	<i>Match</i>
National Recreational Trails Grant Programs	Federal Highway Administration (FHWA), under USDOT	Federal	State and local agencies, tribes, public agencies, non-profit organizations, or for-profit organizations, and individuals	Projects to maintain existing trails; develop trail-side and trailhead facilities; develop handicapped accessible trails; acquire trail easements; purchase property; construct new trails on state, county, municipal or private land	50% of project costs
Non-Highway and Off-Road Vehicle Activities (NOVA) Program	Interagency Committee for Outdoor Recreation (IAC)	State	Federal, state, and local governments, tribes; some municipal corporations may be eligible	Projects to acquire, plan, and develop land for non-highway and off-road vehicular activities; development projects that include access roads, parking, trails, route signing, bulletin boards, camping areas, picnic areas, and renovation of existing improvements	No required match; however, points for assigned additional funding
North American Wetlands Conservation Grants	US Fish and Wildlife Service (Dept. of Interior)	Federal	State and local agencies, tribes, other public agencies, institutions of higher education, non-profit and for-profit organizations and individuals	Projects to acquire, protect, enhance, restore, and manage wetland ecosystems and fish and wildlife that depend on such habitats	50% for both non-federal and federal projects
Pedestrian Facility Program	Washington State Transportation Improvement Board (TIB)	State	Cities with 5,000 or more population and urban counties	Projects to enhance and promote pedestrian mobility and safety	20% minimum

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<i>Program Name</i>	<i>Administering Agency</i>	<i>Funding Source</i>	<i>Eligibility</i>	<i>Fund Uses</i>	<i>Match</i>
Public Works Trust Fund Construction Program (Revolving Loan Fund)	WSDCTED	State	Local governments and special purpose districts (except port and school districts)	Projects to repair, replace, and improve bridges, roads, domestic water systems, sanitary and storm sewers, and solid waste systems	10% minimum
Public Works Trust Fund Pre-Construction Program (Low interest loans for the pre-construction phase of infrastructure projects)	WSDCTED	State	Local governments and special purpose districts (except port and school districts)	Projects for the pre-construction phase of infrastructure improvements including design, engineering, bid documents, environmental studies, and right-of-way acquisition	None specified
Rural Arterial Program	CRAB	State	Counties	Projects to reconstruct or rehabilitate county rural arterials and FA funded off-system bridges	10% to 20% varies depending upon region
Federal Scenic Byways Program	Federal Highway Administration (FHWA)	Federal under TEA 21 program	State governments, local entities can participate in the state application Projects need to be located on an official "Scenic and Recreational Highway" as designated by the state legislature	Projects to plan, design and develop state byways programs; make safety improvements; construct rest areas, turn-outs, highway shoulder improvements; interpretive facilities; bicycle and pedestrian facilities; improve access for recreational purposes; protect historical, archeological, and cultural resources adjacent to highways; develop and provide tourism information to the public	20% of project costs, in cash

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<i>Program Name</i>	<i>Administering Agency</i>	<i>Funding Source</i>	<i>Eligibility</i>	<i>Fund Uses</i>	<i>Match</i>
Sport Fish Restoration Grants Payments to States Program	US Fish and Wildlife Service (Dept. of Interior)	Federal	States primarily; however, states may subgrant	Projects to restore, manage or improve sport fish populations including acquisition and development of facilities for public use of sport fish resources	States provide 25 to 90% of project costs
Stewardship Incentive Program	Forest Service, US Department of Agriculture	Federal	Tribes, for-profit organizations, and individuals	Projects to accomplish reforestation and afforestation; establish windbreaks and hedgerows; protect and improve soil and water quality; protect and improve riparian and wetland environments; enhance fisheries and wildlife habitats; and enhance forest recreation	Established on a state-by-state basis, for up to 75% of the landowner costs
Transportation Enhancements Program	Washington State Department of Transportation, Highways and Local Programs Service Center	Federal under TEA 21 program	State and local transportation agencies	Projects to improve and enhance roadways and non-motorized facilities; funds can be used to: design and construct pedestrian and bicycle facilities; establish transit projects; acquire scenic easements and historic highway programs; provide landscaping and aesthetic enhancements; rehabilitate and operate historic transportation buildings; preserve abandoned railway corridors; control and remove outdoor advertising; and mitigate water pollution due to highway run-off.	Generally 20%, sometimes less

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<i>Program Name</i>	<i>Administering Agency</i>	<i>Funding Source</i>	<i>Eligibility</i>	<i>Fund Uses</i>	<i>Match</i>
Transportation Improvement Account (TIA) and Urban Arterial Trust Fund Account (UATA)	Washington State Transportation Improvement Board (TIB)	State	Cities with 5,000 population or more, transportation benefit districts, and urban counties	Projects to address deficiencies, congestion, safety and other facilities	Varies depending upon population size
Washington Wildlife and Recreation Program	Interagency Committee for Outdoor Recreation (IAC)	State	State and local agencies, tribes, park and recreation districts, school districts	Projects to develop parks and construct outdoor recreation improvements; acquire lands for trails; and/or land conservation	50% for local agencies and none for state agencies

Please keep in mind when reviewing the above funding sources table that program status may change. Availability of funding from specific programs administered by federal or state government sources and eligibility and match requirements may be subject to change based on new legislation. Always check with the administering agency to determine specific project eligibility and grant requirements.

Other Potential Funding Opportunities

Local General Funds

Local governments set aside funding for a variety of public works projects and government programs, typically on an annual or bi-annual basis. Sources for general funds include property taxes, utility taxes, local sales taxes, and special purpose district revenues. There are often many projects competing for general funds, so there is typically a planning and prioritization process that determines projects of highest need.

Paths and Trails Required Local Reserve Funds

Washington state requires local jurisdictions to reserve at least ½ of 1 percent of the fuel tax revenues they receive from the state for transportation related bicycle, pedestrian, and equestrian facilities. Some jurisdictions have opted to increase their reserve amount to 2 percent or more to aid in matching funds accounts for various grant applications (TEA 21, etc.)

Development Impact Fees, Permit Fees, and Mitigation

Impact fees may be assessed on development projects for improvements that are related to the proposed project and reflect the impact the development has on regional public facilities and infrastructure. Conditions of approval for projects may require various improvements or public amenities in association with the project, such as pathways, trails, parks, recreation centers, and other facilities. In some cases, developers are asked to contribute to mitigation funds or other projects underway. Environmental mitigation projects involving the creating the new wetland areas or wildlife habitat areas are often constructed as part of new development.

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User Fees or Taxes

Some jurisdictions and agencies have initiated user fee programs or taxes on certain uses. The USDA Forest Service collects campground fees and has recently initiated a trailhead parking fee program. These programs provide additional resources for maintaining facilities.

Public/Private Partnerships

Several agencies and organizations actively pursue and coordinate public/private partnership opportunities. This type of funding and support often opens the door to developing special projects within communities and builds relationships between stakeholders. Most any type of project can be funded through this arrangement, but this method works particularly well for projects that can not be fully funded through solely a public or private source.

Private Fundraising Efforts, Donations, and Volunteer Resources

Private contributions of money, materials, time, labor, and resources, from local businesses, organizations, clubs, individuals, and citizens groups can create many opportunities for project implementation. Trails projects and clean-up programs are perfectly suited to these types of efforts. Volunteer organizations can assist with planting trees, distributing information, taking surveys, and other activities. In many cases, volunteer time can be used as an “in-kind” match for grant programs. Private beneficiaries often donate public artwork, memorials, and other amenities to local communities. Chambers of commerce often hold fund raising activities for special projects and programs, such as auctions, marathons, dinners, etc.

Special Direct Appropriations by Federal and State Government

Occasionally, congress or the state legislature will appropriate money directly for certain significant projects. (The Centennial Trail in Spokane is an example.)

Assistance for Gateway Communities

Refer to the recent publication of “*Gateway Opportunities: A Guide to Federal Programs for Rural Gateway Communities*.” This guide, published by the National Park Service Social Science Program, provides information about available resources and funding for rural gateway communities.